

Converting Colors

XYZ(48.7130, 53.5222, 48.3208)

Have a look what the booklet for
XYZ(48.7130, 53.5222, 48.3208)
contains.

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Color

**XYZ(48.7130, 53.5222,
48.3208)**

Conversions

Conversions Part 1

Format	Color
Hex	BEC4AF
RGB	190, 196, 175
RGB Percent	75%, 77%, 69%
CMY	0.2549, 0.2314, 0.3137
CMYK	0.03, 0.00, 0.11, 0.23
HSL	77°, 15%, 73%
HSV	77°, 11%, 77%
XYZ	48.7130, 53.5222, 48.3208
YIQ	191.8120, 3.1650, -7.8030

Conversions

Conversions Part 2

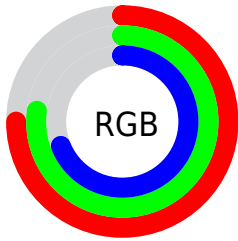
Format	Color
RYB	175, 196, 181
Decimal	12502191
CIELab	78.18, -5.82, 9.83
CIELCh	78, 11.426, 120.646
Yxy	53.5222, 0.3236, 0.3555
Android (android.graphics.Color)	4290692271 (0xFFBEC4AF)
YUV	191.8120, -8.2883, -1.5891
Hunter-Lab	73.1589, -9.1734, 12.0507

Details

The XYZ color **48.7130, 53.5222, 48.3208** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.3520, 44.4707, 58.4736**, and the grayscale version is **50.0400, 52.6460, 57.3315**.

A 20% lighter version of the original color is **87.5551, 95.6129, 89.4418**, and **23.5647, 26.0944, 22.5336** is the 20% darker color. If you saturate the color by 10%, you get **45.5538, 52.1017, 38.8429**, and if you desaturate by 10%, it is **52.2084, 55.0869, 59.2753**.

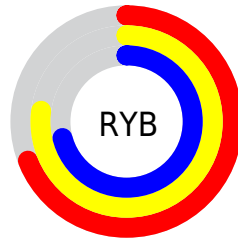
Distribution



Red (75%)

Green (77%)

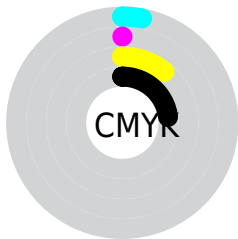
Blue (69%)



Red (69%)

Yellow (77%)

Blue (71%)

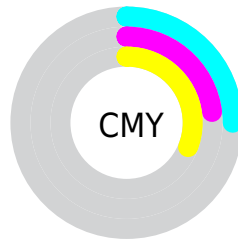


Cyan (3%)

Magenta (0%)

Yellow (11%)

Black (23%)



Cyan (25%)


Magenta (23%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.7130, 53.5222, 48.3208 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 48.7130, 53.5222, 48.3208 by changing the saturation by 10% instead.


 48.7130, 53.5222,
48.3208

 48.7130, 53.5222,
48.3208


372.1471,
400.2854, 396.6076

 34.6055, 38.2198,
33.7192


 87.4683, 95.3723,
89.0524

 23.5242, 26.1533,
22.4024


112.8468,
122.6889, 116.0194

 15.1039, 16.9384,
13.9517


142.7131,
154.7789, 147.9454

 8.9791, 10.1906,
7.9487

177.4323,
192.0268, 185.2488

 4.7846, 5.5255,
3.9748

217.3700,
234.8170, 228.3482

 2.1549, 2.5588,
1.6116

262.8915,

 0.7188, 0.9060,

283.5339, 277.6621

0.2990

314.3620,
338.5619, 333.6090

■ 0.0000, 0.0000,
0.0000

■ 48.7130, 53.5222,
48.3208

■ 48.7130, 53.5222,
48.3208

■ 45.5538, 52.1017,
38.8429

■ 52.2084, 55.0869,
59.2753

■ 42.7138, 50.8132,
30.7750

■ 56.0476, 56.7937,
71.7622

■ 40.1811, 49.6538,
24.0504

■ 60.2431, 58.6493,
85.8389

■ 37.9411, 48.6174,
18.5960

■ 64.8056, 60.6582,
101.5584

■ 35.9779, 47.6978,
14.3314

■ 66.7093, 61.6100,
102.9837

■ 34.2740, 46.8876,
11.1670

■ 68.4135, 62.4886,
103.0635

■ 32.8093, 46.1789,
9.0009

■ 70.1750, 63.3966,
103.1459

■ 31.5600, 45.5622,
7.7118

■ 71.9943, 64.3345,
103.2310

■ 30.5520, 45.0553,
7.0863

■ 73.8717, 65.3023,
103.3189

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



50.8228, 53.5222, 46.8209



48.7130, 53.5222, 48.3208



47.2184, 53.5222, 52.4519

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



48.7130, 53.5222, 48.3208



48.7945, 53.5222, 69.6699



55.2884, 53.5222, 58.1380

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



48.7130, 53.5222, 48.3208



44.3520, 44.4707, 58.4736

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



54.7077, 53.5222, 64.5173



48.7130, 53.5222, 48.3208



50.9197, 53.5222, 71.4633

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



48.7130, 53.5222, 48.3208



47.2645, 53.5222, 64.7748



53.0923, 53.5222, 69.5137



54.6569, 53.5222, 52.2282

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



48.7130, 53.5222, 48.3208



46.7496, 53.5222, 56.2999



53.0923, 53.5222, 69.5137



55.2283, 53.5222, 60.2989

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



48.7145, 53.5245, 48.3220



93.0426, 99.1046, 102.5044



47.0184, 47.8600, 47.3180



19.8022, 21.1621, 21.5836



0.0000, 0.0000, 0.0000



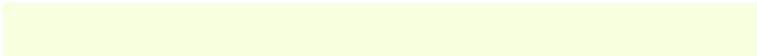
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48.7145, 53.5245, 48.3220



86.7639, 96.2927, 83.0153



46.1974, 52.2269, 48.2042



10.6238, 11.6090, 10.7427



19.7181, 28.9939, 4.5571



0.9170, 1.2863, 0.1999

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



44.3520, 44.4707, 58.4736



77.1919, 76.4262, 105.2910



46.8949, 45.7816, 58.5926



9.7927, 9.8843, 12.6766



7.5255, 3.1399, 33.7660



0.3952, 0.1718, 1.4622

Previews

White Background



This preview shows how the XYZ color 48.7130, 53.5222, 48.3208 looks on a white background.

Color Contrast Check

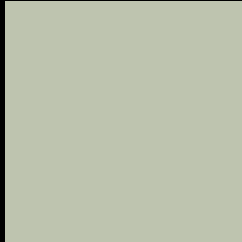
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 48.7130, 53.5222, 48.3208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

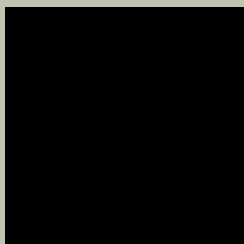
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

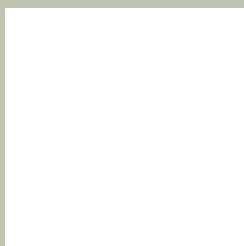
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.7130, 53.5222, 48.3208

Background



This preview shows how black text looks on a background with the XYZ color 48.7130, 53.5222, 48.3208.



This preview shows how white text looks on a background with the XYZ color 48.7130, 53.5222,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

48.7130, 53.5222, 48.3208

Protanopia

50.7002, 53.5746, 47.2039

Deuteranopia

54.4082, 53.1976, 48.9955



Tritanopia

52.3990, 53.3687, 66.5710

Trichromacy



Original Color

48.7130, 53.5222, 48.3208

Protanomaly

49.9577, 53.5099, 47.7398

Deuteranomaly

52.2624, 53.3714, 48.6215

Tritanomaly

50.9126, 53.4175, 59.2570

Monochromacy



Original Color

48.7130, 53.5222, 48.3208

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.4187, 52.7615, 54.0337

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.7130, 53.5222, 48.3208 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(190, 196, 175)` looks like.

```
.text, #text, p{  
    color:rgb(190, 196, 175)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(190, 196, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 196, 175) }
```

Border

The CSS property to change the border of an element to XYZ 48.7130, 53.5222, 48.3208 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(190, 196, 175) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(190, 196, 175) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(190, 196, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 196, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 196, 175);  
box-shadow:4px 4px 4px 4px rgb(190, 196,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 48.7130, 53.5222, 48.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 196, 175) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(190,  
196, 175) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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